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The Challenge of the Electronic Environment to the Organization of  
Knowledge - Second International Seminar on Subject Access to Information, Helsinki,  
Finland, 29-30 November 2007

Thursday Nov. 29

**10.45-11.15 Problems of interoperability**

The presentation reviews some current developments in the field of knowledge organization systems/services (KOS), discussing some of the differences in how the different kinds of KOS are used in practice. In particular, it focuses on problems of (semantic) interoperability, illustrating with some recent examples. Various advances in standards development, both in common representation formats and in access protocols, have the potential to facilitate solutions to some aspects of these problems. The presentation goes on to introduce avenues for future work, including the novel combination of different types of KOS, and suggests some possibilities and cautions.

The presentation draws on the JISC State of the Art Review on Terminology Services and Technology, the series of NKOS workshops and some illustrations are taken from recent work by the Hypermedia Research Unit at University of Glamorgan

[http://www.jisc.ac.uk/media/documents/programmes/capital/terminology\\_services\\_and\\_technology\\_review\\_sep\\_06.pdf](http://www.jisc.ac.uk/media/documents/programmes/capital/terminology_services_and_technology_review_sep_06.pdf)

<http://nkos.slis.kent.edu/>

<http://hypermedia.research.glam.ac.uk>